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APPLICANT(S): MOLCHO, Rami et al. EXAMINER: Not yet known

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FOR: CLUSTERING MEANS AND METHODS AND SECURITY LABEL THEREOF

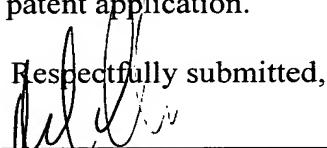
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SUBMISSION OF CERTIFIED PRIORITY DOCUMENT

Sir:

Applicant(s) hereby submits a certified copy of the Israeli Application No. 153483 filed December 16, 2002 for the above identified patent application.

Respectfully submitted,



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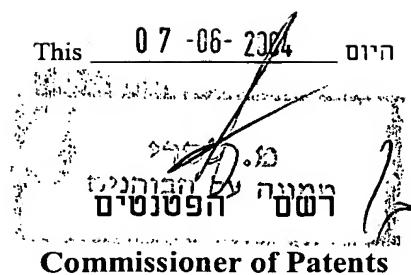
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חברה ישראלית

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אמצעי ושיטה לאיגוד של פריטים ברי-הפרזה

(בעברית)
(Hebrew)

MEANS AND METHOD FOR CLUSTERING DETACHABLE ITEMS

(באנגלית)
(English)

*בקשות חלוקה - Application of Division	*בקשות פטנט מוסף - Application for Patent Addition	דרישה דין קידמה Priority Claim		
*מבקשת פטנט from Application	*לבקשה/לפטנט to Patent/Appn.	מספרותים Number/Mark	תאריך Date	מדינת האגד Convention Country
No..... dated.....	No..... dated.....			
ירוי-כח: POA: הוגש בעניין filed in case P.A.133837 המען למסירת מסמכים בישראל Address for Service in Israel				
היום 16 לחודש דצמבר שנת 2002 This 16 of December of the year 2002				
חתימת המבקש Signature of the Applicant		לשימוש הלשכה For Official Use		
עבור המבקש, For the Applicant,  איתן, פרל, לזר וכהן-צדק EITAN, PEARL, LATZER & COHEN-ZEDEK P-5162-IL				

טופס זה, כשהוא מוטבע בחותם לשכת הפטנטים ומושלים במספר ובתאריך ההגשה, הנה אישור להגשת הבקשה שפורטיה דשומים לעיל.
This form, impressed with the Seal of the Patent Office and indicating the number and date of filing, certifies the filing of the application the particulars of which are set out above.

* מחק את המיותר Delete whatever is inapplicable

MEANS AND METHOD FOR CLUSTERING DETACHABLE ITEMS

אמצעי ושיטה לאיחוד של פריטים ברוי-הפרדה

Eitan, Pearl, Latzer & Cohen-Zedek

P-5162-IL

MEANS AND METHOD FOR CLUSTERING DETACHABLE ITEMS

TECHNICAL FIELD

The present invention relates to packages for products in general, and
5 more particularly to device and method for separately wrapping of multiple
packages.

BACKGROUND

Marketing of goods in packages of multiple items each is quite common
10 today. Various methods and means are used to enable a user to detach from a
package one item at a time without unstitching the rest of the package. There is
a need for a cheap, easy to apply and easy to use method and means to enable
detachment of a single item from the package.

15

BRIEF DESCRIPTION OF THE DRAWINGS

The subject matter regarded as the invention is particularly pointed out
and distinctly claimed in the concluding portion of the specification. The present
invention will be better understood if read in conjunction with the following
drawings, in which:

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Fig. 1A is a schematic illustration of a clustering sticker according to an
embodiment of the invention;

Figs. 1B and 1C are schematic illustrations of two layers of a clustering
sticker according to an embodiment of the invention; and

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Figs. 2A, 2B and 2C are isometric illustration of clustered items
according to an embodiment of the invention.

DETAILED DESCRIPTION OF THE INVENTION

In the following description, various aspects of the present invention will be described. For purposes of explanation, specific configurations and details 5 are set forth in order to provide a thorough understanding of the present invention. However, it will also be apparent to one skilled in the art that the present invention may be practiced without the specific details presented herein. Furthermore, well-known features may be omitted or simplified in order not to obscure the present invention.

10 A clustering, separately detachable sticker is provided for clustering of similar items so that a single item may separately be detached from the cluster without unstitching the rest of the cluster. Reference is made now to Figs. 1A, 1B and 1C. Fig. 1A illustrates some embodiments of clustering sticker 10. Fig. 1B illustrates a sticky layer of clustering sticker 10 being a possible component 15 of sticker 10. Fig. 1C illustrates a tear-off means layer of clustering sticker 10. Clustering sticker 10 may comprise of sticky layer 13, having at least one sticky face, in which special weakening points 12 may be made. A layer of tear-off means 14 may be attached to the sticky face of sticky layer 13 so that tear-off means 14 fit to its place on sticky layer 13 as shown in Fig. 1A. Tear-off means 20 14 may be formed, for example, by means of die cutting that pre-cuts it in a carrying layer on which sticky layer 13 is carried before being applied. Thus, when sticky layer 13 is removed from said carrying layer tear-off means 14 is separated from said carrying layer and stays attached in place on sticky layer 13.

According to some embodiments of the present invention the pitch between tear-off means 14 may be made to fit the pitch of the items to be clustered, so that when sticker 10 is applied onto a cluster of items every tear-off means 14 is placed against touching edges of two consequent clustered items.

5 Clustering sticker 10 may be stored and provided carried on a carrying layer (not shown) such as a silicon coated layer, from which it may be pilled prior to being applied onto a cluster of items.

According to some embodiments of the present invention, codes (such as a string of numbers) may be printed or otherwise implemented on the inner 10 (hidden) face of either tear-off means 14, or on the inner face of sticky layer 13 at a position corresponding to the position of tear-off means 14, so that when tear-off means 14 is pulled to separate one item from a cluster, said code is made visible. This code may be used in the arrangement of any kind of promotion campaign for the products packed in said item, or for any other 15 campaign taking the advantage of a hidden code (e.g. raffles).

Reference is made now to Figs. 2A, 2B and 2C. Except for the places where tear-off means 14 are placed the at least one sticky face of sticky layer 13 is ready to be stuck onto sides of clustered items thus keeping the items together, as shown in Fig. 2A. Clusterable items 52 are held together by 20 clustering sticker 10 applied to at least one face of items 52, so that tear-off means 14 are placed against touching edges of two consequent clustered items 52. When one clustered item 52 is to be separated tear-off means 14 may be pulled as illustrated in Fig. 2B, in order to tear clustering sticker 10 along a desired line. The item 54 then may be separated from cluster 50.

Tear-off means 14 is made of a material that allows pulling it from one end which loose so that it tears sticky layer 13 at its weakening points 12 along substantially straight lines across sticky layer 13.

5 It will be apparent to one skilled in the art that the clustering sticker 10 may be of various embodiments. While certain features of the invention have been illustrated and described herein, many modifications, substitutions, changes, and equivalents will now occur to those of ordinary skill in the art. It is, therefore, to be understood that the appended claims are intended to cover all
10 such modifications and changes as fall within the true spirit of the invention.

CLAIMS

What is claimed is:

1. A sticker comprising:

5 a sticky layer having pairs of weakening cut made along and proximal to a first edge of said first sticky layer and oriented in substantially right angle to said first edge, and a plurality of elongated pieces of flexible sheet, said elongated pieces attached to a sticky face of said sticky layer so as to have each of said elongated pieces be placed between each of said pairs of weakening cuts and oriented in substantially right angel to said first edge.

10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500 505 510 515 520 525 530 535 540 545 550 555 560 565 570 575 580 585 590 595 600 605 610 615 620 625 630 635 640 645 650 655 660 665 670 675 680 685 690 695 700 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800 805 810 815 820 825 830 835 840 845 850 855 860 865 870 875 880 885 890 895 900 905 910 915 920 925 930 935 940 945 950 955 960 965 970 975 980 985 990 995 1000 1005 1010 1015 1020 1025 1030 1035 1040 1045 1050 1055 1060 1065 1070 1075 1080 1085 1090 1095 1100 1105 1110 1115 1120 1125 1130 1135 1140 1145 1150 1155 1160 1165 1170 1175 1180 1185 1190 1195 1200 1205 1210 1215 1220 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elongated pieces placed between each of said pairs of weakening cuts and oriented in substantially right angle to said first edge wherein said elongated pieces of said at least one sticker are placed substantially against and parallel to a common edge formed in between each adjacent items in said package.

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5. The package of claim 4 further comprising elongated tips are formed along said first edge of said sticky layer, each extends from one of said elongated pieces to match corresponding tips of said elongated pieces.
10. The package of claim 5 wherein pulling each of said elongated tips across said sticker causes said elongated piece to tear off said sticker in a substantially straight line.
7. The sticker of claim 1, wherein a code is marked on each of said elongated pieces of flexible sheet.
15. The package of claim 4, wherein a code is marked on each of said elongated pieces so that said code is invisible unless said elongated pieces are pulled to tear-off at least one of said items from said package.

9. The sticker according to any of claims 1-3, 7 substantially as described hereinabove.
10. The sticker according to any of claims 1-3, 7 substantially as illustrated in any of the drawings.
11. The package according to any of claims 4-6, 8 substantially as described hereinabove.
12. The package according to any of claims 4-6, 8 substantially as illustrated in any of the drawings.

For the Applicant



Eitan, Pearl, Latzer & Cohen-Zedek
Lawyers, Patent Attorneys & Notaries

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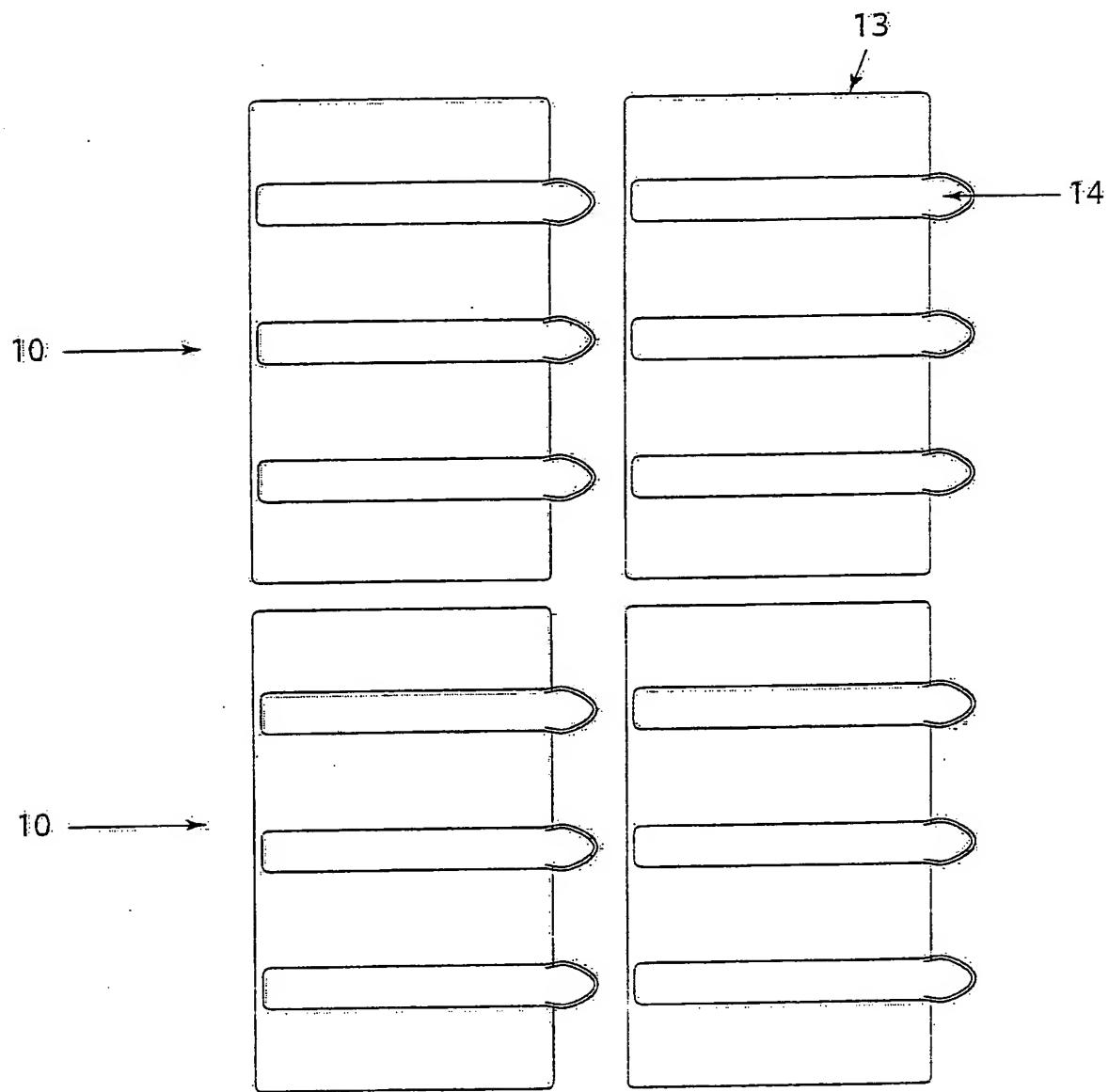


Fig. 1a

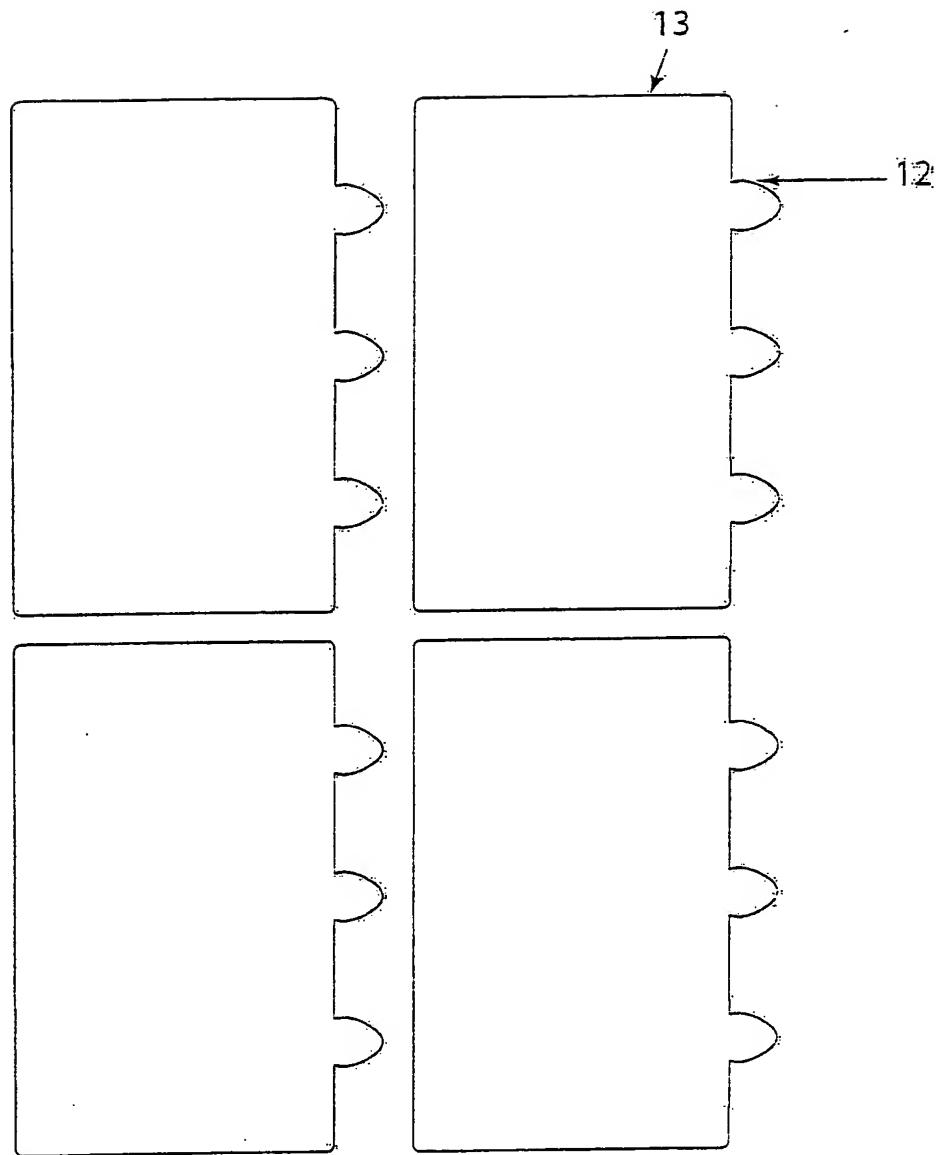


Fig. 1b

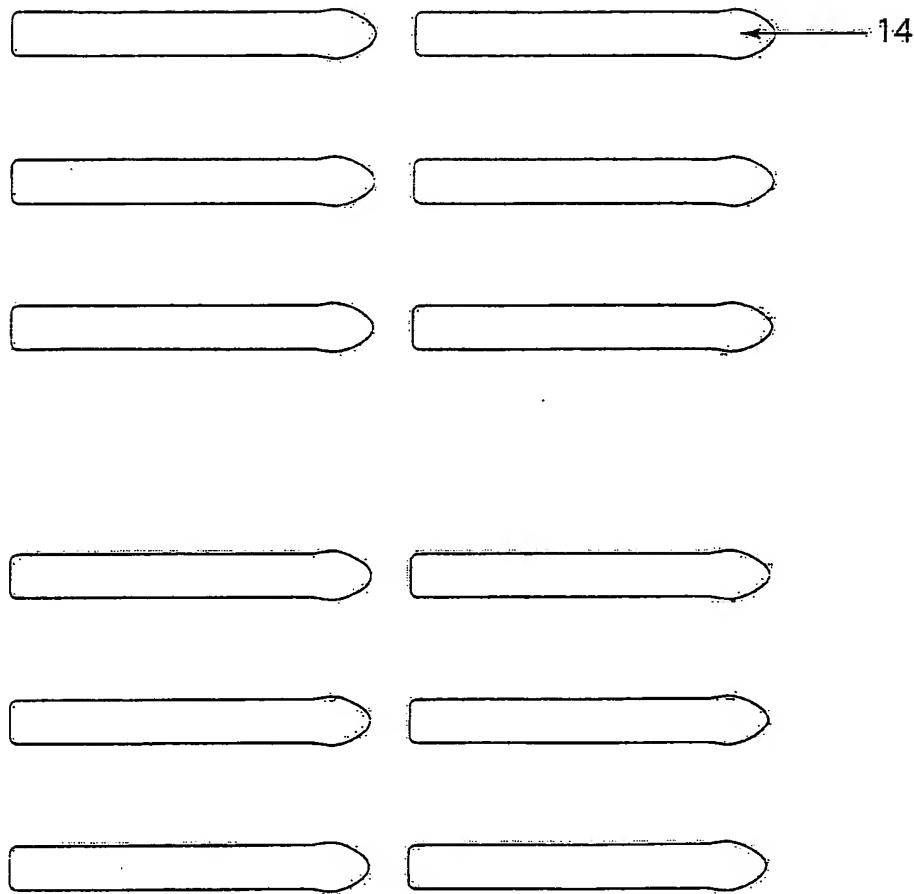


Fig. 1c

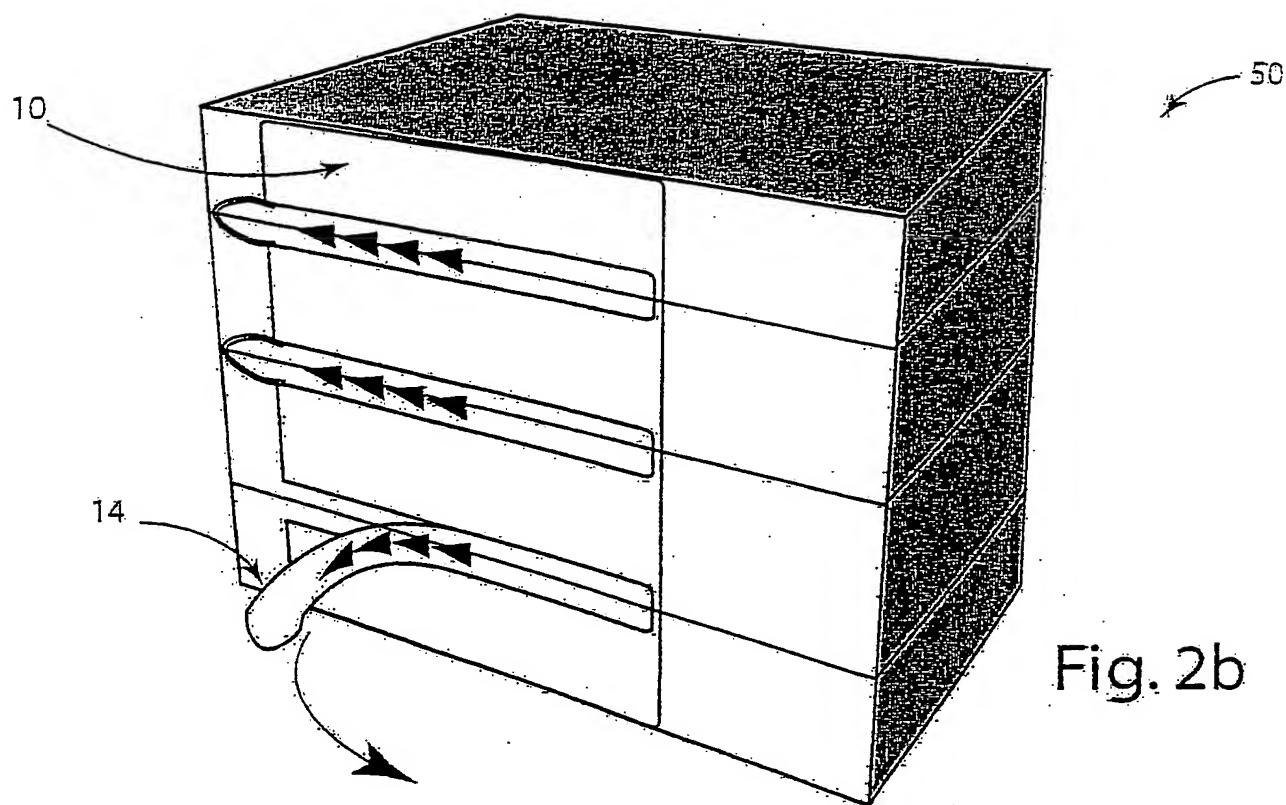


Fig. 2b

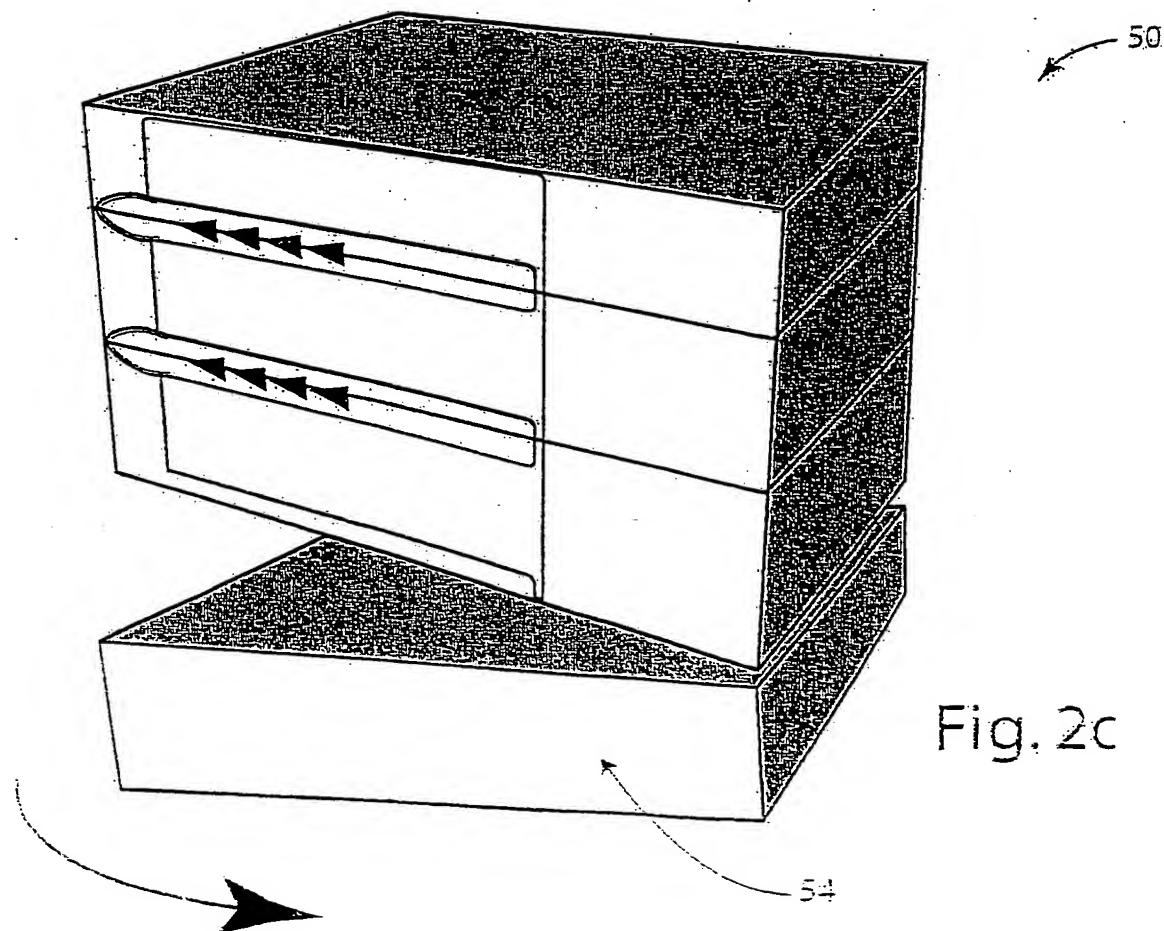


Fig. 2c